



PTO/SSB/05A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
Sheet	1	of	1	Application Number	10/057,506
				Filing Date	01/23/2002
				First Named Inventor	Wellinchoff & Hanson
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	SWR1-2835-03

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ¹ (if known)			
(42)		us- 09/667,370	09-22-2000	Wellinchoff et al.	P
		us- 09/692,690	10-19-2000	Wellinchoff	P
		us- 09/690,527	10-17-2002	Wellinchoff et al.	6,410,765
		us- 09/691,680	10-18-2000	Wellinchoff	P
		us- 09/687,447	10-13-2000	Wellinchoff	6,414,294
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		us- 60/263,387	01-23-2001	Wellinchoff et al.	RECEIVED
		us- 10/057,548	01-23-2002	Wellinchoff et al.	FEB 04 2003
		us- 60/263,388	01-23-2001	Wellinchoff et al.	TC 1700
(42)		us- 60/263,392	01-23-2001	Wellinchoff	
		us- 60/303,986	07-09-2001	Wellinchoff	
		us- 10/056,121	01-23-2002	Wellinchoff et al.	
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Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	Date Considered 12.15.03
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**
(Use several sheets if necessary)

ATTY. DOCKET NO.

SWRJ-2835-03

SERIAL NO.

10/057,506

APPLICANT

Wellinghoff et al.

FILING DATE

01/23/2002

GROUP

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS	AA 5,622,648	04/22/1997	Parri et al.	—	—	
AS	AB 6,031,015	02/29/2000	Ritter, et al.	—	—	
AS	AC 6,258,974	07/10/2001	Wellinghoff et al.	—	—	
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	AG					
	AH					
	AI					
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	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AK						
	AL						
	AM						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

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	AO	
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ATTY. DOCKET NO.

SWRI-2385

SERIAL NO.

10/057,548

APPLICANT

Wellinghoff et al.

FILING DATE

01/23/2002

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	AA	RE. 32,073	01/28/1986	Randklev			
	AB	4,215,033	07/29/1980	Bowen			
	AC	4,539,048	09/03/1985	Cohen			
	AD	4,588,756	05/13/1986	Bowen			
	AE	4,623,738	11/18/1986	Sugerman et al.			
	AF	4,659,751	04/21/1987	Bowen			
	AG	4,663,147	05/05/1987	DePrince			
	AH	4,753,652	06/28/1988	Langer et al.			
	AI	4,964,911	10/23/1990	Ibsen et al.			
JS	AJ	4,978,640	12/18/1990	Kelly			

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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JS	✓	AK	2,181,507	01/19/1997	Canada			
JS	✓	AL	EP 0159887 A2	30.10.85	EPO			
JS	✓	AM	EP 1142863 A2	10/2001	EPO		X	

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JS	✓	AN	"Nanostructured Materials: A Technical Market Analysis", Mincy N. Ritter, Business Communication Co., Inc., Fine, Ultrafine and Nano Powders '98"					
JS	✓	AO	H. Schmidt et al., "Organically modified ceramics and their applications", Journal of Non-Crystalline Solids, 1990, 121, pp. 428-435					
JS	✓	AP	Mark W. Ellsworth et al., "Mutually Interpenetrating Inorganic-Organic Networks. New Routes into Nonshrinking Sol-Gel Composite Materials", J. Am Chem. Soc., 1991, 113, 2756-2758					

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JP	BA	5,030,608	07/09/1991	Schubert et al.			
	BB	5,057,018	10/16/1991	Bowen			
	BC	5,064,877	11/12/1991	Nass et al.			
	BD	5,276,068	01/04/1994	Waknine			
	BE	5,308,886	05/03/1994	Masuhara et al.			
	BF	5,328,947	07/12/1994	Taguchi et al.			
	BG	5,334,625	08/02/1994	Ibsen et al.			
	BH	5,372,796	12/13/1994	Wellinghoff			
	BI	5,401,528	03/28/1995	Schmidt			
	BJ	5,472,797	12/05/1995	Yajima et al.			
JP	BK	5,486,548	01/23/1996	Podszun et al.			

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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JP	BL	EP 0754 675 A2	11/97	EPO				
JP	BM	JP H 5-178794	12/26/91	Japan			Best	
JP	BN	WO 92/16183	24.04.97	PCT			Yes	

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

JP	BO	Stephen Wellinghoff et al., "Tantalum oxide-polymer composites", The International Symposium on Advances in So-Gel Process and Applications, Edited by Y.A. Attia, Plenum Press, pp 141-154, 1994.
JP	BP	Christine Landry et al., "In situ polymerization of tetraethoxysilane in poly(methyl methacrylate): morphology and dynamic mechanical properties", POLYMER, 1992, Vol. 33, No. 7, pp. 1486-1495
	BQ	Michael J.S. Dewar et al., "Factors Influencing the Stabilities of Nematic Liquid Crystals", Journal of American Chemical Society, 97-23, 6658-6666

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<i>JP</i>	CA	5,502,087	03/26/1996	Tateosian et al.			
	CB	5,556,931	09/17/1996	Imura et al.			
	CC	5,663,214	09/02/1997	Okada			
	CD	5,670,583	09/23/1997	Wellinghoff			
	CE	5,695,681	12/09/1997	Siemensmeyer et al.			
	CF	5,720,805	02/24/1998	Wellinghoff et al.			
	CG	5,730,601	03/24/1998	Bowman et al.			
<i>JP</i>	CH	5,804,097	09/08/1998	Delavier et al.			
<i>Duplicate</i>	CI	5,833,880	11/10/1998	Siemensmeyer et al.			
<i>JP</i>	CJ	5,834,532	11/10/1998	Yamamoto et al.			

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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>JP</i>	<input checked="" type="checkbox"/>	CK	WO 97/14674	24.04.97	PCT			
<i>JP</i>	<input checked="" type="checkbox"/>	CL	WO 98/23580	04.06.98	PCT			
<i>CA</i>	<input checked="" type="checkbox"/>	CM	WO 99/17716	15.04.99	PCT			

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<i>JP</i>	<input checked="" type="checkbox"/>	CN	Wolfgang Wedler et al., "Vitrification in Low-molecular-weight mesogenic Compounds", J. Mater. Chem., 1991, 1(3), 347-356
<i>JP</i>	<input checked="" type="checkbox"/>	CO	Sukmin Lee et al., "Phase Behavior of Liquid Crystalline Polymer/Model Compound Mixtures: Theory and Equipment", Macromolecules, Vol. 27, No 14, 1994, 3955-3962
<i>JP</i>	<input checked="" type="checkbox"/>	CP	R.A.M. Hikmet et al., "Effect of the Orientation of the Ester Bonds on the Properties of Three Isomeric Liquid Crystal Diacrylates Before and After Polymerization", Macromolecules, Vol. 28, No. 9, 1995, 3313-3327

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	DA	5,852,248	12/22/1998	Chadwick			
	DB	5,859,089	01/12/1999	Qian			
	DC	5,865,623	02/02/1999	Suh			
	DD	5,886,064	03/23/1999	Rheinberger et al.			
	DE	5,897,885	04/27/1999	Petticrew			
	DF	5,910,273	06/08/1999	Thiel et al.			
	DG	5,991,991	06/15/1999	Keller et al.			
	DH	5,995,514	09/21/1999	Huang et al.			
	DI	5,998,499	12/07/1999	Klee et al.			
JS	DJ	6,220,404	02/08/2000	Ettlinger et al.			

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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JS	DK	WO 98/13008	02/04/98	PCT				
JS	DL	WO 94/24052	27.10.94	PCT				
	DM							

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JS	DN	Y. Wei et al., "Synthesis of New Organic-Inorganic Hybrid Glasses"; Chem. Mater. 2(4), 337 (1990)						
JS	DO	Manabu Node et al. "Hard Acid and Soft Nucleophile System. 2." Demethylation of Methyl Ethers of Alcohol and Phenol with an Aluminum Halide-Thiol System", J. Org. Chem. 1980, 45, 4275-4277 (1980 American Chemical Society)						
JS	DP	Giancarlo Galli et al., "Thermotropic poly(ester- β -sulfide)s", Polymer Bulletin 21, 563-569 (1989)						

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	EA	6,027,816	02/22/2000	Ono et al.			
	EB	6,031,015	02/29/2000	Ritter et al.			
	EC	6,087,816	07/11/2000	Volk			
J	ED	6,335,462	01/01/2002	Eitzbach et al.			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	EK							
	EL							
	EM							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	EN	"Titanium Tin Oxide Nanoparticles for Sunscreen Applications"
	EO	
	EP	

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